

Amendment to the Abstract:

The Abstract has been amended. A revised Abstract is attached.

Abstract:

Actuation Unit for an Electromechanically Actuated Disc Brake**ABSTRACT OF THE DISCLOSURE**

An actuating unit is provided for an electromechanically actuated disc brake for automotive vehicles, which is disposed on a brake caliper wherein two friction linings ~~{4, 5}~~ respectively cooperating with a side face of a brake disc ~~{6}~~ are arranged in a manner displaceable to a limited extent, with one ~~{4}~~ of said friction linings ~~{4, 5}~~ being arranged so as to be directly movable into engagement with the brake disc ~~{3}~~ by means of an actuating element ~~{7}~~, through the actuating unit, while the other friction lining ~~{5}~~ is movable into engagement with the brake disc ~~{3}~~ through the action of a reaction force applied by the brake caliper. The actuating unit comprises an electric motor ~~{10}~~ and at least one reduction gear ~~{2}~~ operatively arranged between the electric motor ~~{10}~~ and the first friction lining ~~{4}~~. The reduction gear ~~{11}~~ is formed as a threaded drive which, for guiding the threaded nut ~~{16}~~, includes a cylindrical guide piece ~~{20}~~ that is provided with a sensor device ~~{43, 43a}~~ for sensing the reaction force.

To realize a design suitable for large series production, the invention discloses that the guide piece ~~{20}~~ has a reduced thickness of material or an aperture ~~{48, 48a}~~ in the area of attachment of the sensor device ~~{43}~~, and a prefabricated sensor module ~~{50}~~ that allows testing outside the guide piece ~~{20}~~ and forms the sensor device ~~{43}~~ is arranged in the area of attachment or within or above the aperture ~~{48, 48a}~~.

~~{Figure 1}~~

Attachment